

Val	Ala	Gly	Gly	Phe 20	Gly	Asn	Ala	Ala	Ser 25	Ala	Arg	His	His	Gly 30
Leu	Leu	Ala	Ser	Ala 35	Arg	Gln	Pro	Gly	Val 40	Cys	His	Tyr	Gly	Thr 45
Lys	Leu	Ala	Cys	Cys 50	Tyr	Gly	Trp	Arg	Arg 55	Asn	Ser	Lys	Gly	Val 60
Cys	Glu	Ala	Thr	Cys 65	Glu	Pro	Gly	Cys	Lys 70	Phe	Gly	Glu	Cys	Val 75
Gly	Pro	Asn	Lys	Cys 80	Arg	Cys	Phe	Pro	Gly 85	Tyr	Thr	Gly	Lys	Thr 90
Cys	Ser	Gln	Asp	Val 95	Asn	Glu	Cys	Gly	Met 100	Lys	Pro	Arg	Pro	Cys 105
Gln	His	Arg	Cys	Val 110	Asn	Thr	His	Gly	Ser 115	Tyr	Lys	Cys	Phe	Cys 120
Leu	Ser	Gly	His	Met 125	Leu	Met	Pro	Asp	Ala 130	Thr	Cys	Val	Asn	Ser 135
Arg	Thr	Cys	Ala	Met 140	Ile	Asn	Cys	Gln	Tyr 145	Ser	Cys	Glu	Asp	Thr 150
Glu	Glu	Gly	Pro	Gln 155	Cys	Leu	Cys	Pro	Ser 160	Ser	Gly	Leu	Arg	Leu 165
Ala	Pro	Asn	Gly	Arg 170	Asp	Cys	Leu	Asp	Ile 175	Asp	Glu	Cys	Ala	Ser 180
Gly	Lys	Val	Ile	Cys 185	Pro	Tyr	Asn	Arg	Arg 190	Cys	Val	Asn	Thr	Phe 195
Gly	Ser	Tyr	Tyr	Cys 200	Lys	Cys	His	Ile	Gly 205	Phe	Glu	Leu	Gln	Tyr 210
Ile	Ser	Gly	Arg	Tyr 215	Asp	Cys	Ile	Asp	Ile 220	Asn	Glu	Cys	Thr	Met 225
Asp	Ser	His	Thr	Cys 230	Ser	His	His	Ala	Asn 235	Cys	Phe	Asn	Thr	Gln 240
Gly	Ser	Phe	Lys	Cys 245	Lys	Cys	Lys	Gln	Gly 250	Tyr	Lys	Gly	Asn	Gly 255
Leu	Arg	Cys	Ser	Ala 260	Ile	Pro	Glu	Asn	Ser 265	Val	Lys	Glu	Val	Leu 270
Arg	Ala	Pro	Gly	Thr 275	Ile	Lys	Asp	Arg	Ile 280	Lys	Lys	Leu	Leu	Ala 285
His	Lys	Asn	Ser	Met 290	Lys	Lys	Lys	Ala	Lys 295	Ile	Lys	Asn	Val	Thr 300
Pro	Glu	Pro	Thr	Arg	Thr	Pro	Thr	Pro	Lys	Val	Asn	Leu	Gln	Pro

	305		310		315
Phe Asn Tyr Glu	Glu Ile Val Ser Arg	Gly Gly Asn Ser His	Gly		
	320	325	330		
Gly Lys Lys Gly	Asn Glu Glu Lys				
	335				

<210> 120
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic oligonucleotide probe

<400> 120
 cctcagtggc cacatgctca tg 22

<210> 121
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic oligonucleotide probe

<400> 121
 ggctgcacgt atggctatcc atag 24

<210> 122
 <211> 50
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic oligonucleotide probe

<400> 122
 gataaactgt cagtacagct gtgaagacac agaagaaggg ccacagtgcc 50

<210> 123
 <211> 1199
 <212> DNA
 <213> Homo sapiens

<400> 123
 gggagctgct gctgtggctg ctggtgctgt ggcgctgct cctgctcttg 50
 gtgcagctgc tgcgcttcct gagggctgac ggcgacctga cgctactatg 100
 ggccgagtgg cagggacgac gcccagaatg ggagctgact gatatggtgg 150
 tgtgggtgac tggagcctcg agtggaaattg gtgaggagct ggcttaccag 200
 ttgtctaaac taggagtttc tcttgtgctg tcagccagaa gagtgcata 250
 gctggaaagg gtgaaaagaa gatgcctaga gaatggcaat ttaaaagaaa 300

aagatatact tgttttgccc cttgacctga cgcacactgg ttcccatgaa 350
gcggtaccac aagctgttct ccaggagttt ggtagaatcg acattctggt 400
caacaatggt ggaatgtccc agcgttctct gtgcatggat accagcttgg 450
atgtctacag aaagctaata gagcttaact acttagggac ggtgtccttg 500
acaaaatgtg ttctgcctca catgatcgag aggaagcaag gaaagattgt 550
tactgtgaat agcatcctgg gtatcatatc tgtacctctt tccattggat 600
actgtgctag caagcatgct ctccgggggt tttttaatgg ccttcgaaca 650
gaacttgcca catacccagg tataatagtt tctaacattt gccaggacc 700
tgtgcaatca aatattgtgg agaattccct agctggagaa gtcacaaaga 750
ctataggcaa taatggagac cagtcccaca agatgacaac cagtcttgt 800
gtgcggtga tgtaatcag catggccaat gatttgaaag aagtttggat 850
ctcagaacaa cctttcttgt tagtaacata tttgtggcaa tacatgcaa 900
cctgggcctg gtggataacc aacaagatgg ggaagaaaag gattgagaac 950
tttaagagtg gtgtggatgc agactcttct tattttaaaa tctttaagac 1000
aaaacatgac tgaaaagagc acctgtactt ttcaagccac tggagggaga 1050
aatggaaaac atgaaaacag caatcttctt atgcttctga ataatcaaag 1100
actaatttgt gattttactt tttaatagat atgactttgc ttccaacatg 1150
gaatgaaata aaaaataaat aataaaagat tgccatgaat cttgcaaaa 1199

<210> 124

<211> 289

<212> PRT

<213> Homo sapiens

<400> 124

Met	Val	Val	Trp	Val	Thr	Gly	Ala	Ser	Ser	Gly	Ile	Gly	Glu	Glu
1				5					10					15

Leu	Ala	Tyr	Gln	Leu	Ser	Lys	Leu	Gly	Val	Ser	Leu	Val	Leu	Ser
			20					25					30	

Ala	Arg	Arg	Val	His	Glu	Leu	Glu	Arg	Val	Lys	Arg	Arg	Cys	Leu
			35					40					45	

Glu	Asn	Gly	Asn	Leu	Lys	Glu	Lys	Asp	Ile	Leu	Val	Leu	Pro	Leu
			50					55					60	

Asp	Leu	Thr	Asp	Thr	Gly	Ser	His	Glu	Ala	Ala	Thr	Lys	Ala	Val
			65					70					75	

Leu	Gln	Glu	Phe	Gly	Arg	Ile	Asp	Ile	Leu	Val	Asn	Asn	Gly	Gly
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----